

Title (en)

Cooperative minimally invasive telesurgical system

Title (de)

Kooperatives minimal invasives Telechirurgiesystem

Title (fr)

Système de chirurgie à distance, coopératif et minimalement invasif

Publication

EP 2444005 A3 20120718 (EN)

Application

EP 12151647 A 19991118

Priority

- EP 09171392 A 19991118
- EP 99965017 A 19991118
- US 10935998 P 19981120
- US 11684299 P 19990122
- US 11689199 P 19990122
- US 37464399 A 19990816
- US 39945799 A 19990917
- US 43312099 A 19991103

Abstract (en)

[origin: EP3042625A1] Robotics surgical systems include selected associatable master/slave pairs, often having more manipulator arms than will be moved simultaneously by the two hands of a surgeon. Two or more robotics systems each having master controls (200) and slave manipulators (300) may be coupled to enable cooperative surgery between two or more operators (O, A1, A2).

IPC 8 full level

A61B 17/00 (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP US)

A61B 34/30 (2016.02 - EP US); **A61B 34/35** (2016.02 - EP US); **A61B 34/37** (2016.02 - EP US); **G09B 23/285** (2013.01 - EP US); **G16H 20/40** (2018.01 - EP); **G16H 30/20** (2018.01 - EP); **G16H 40/63** (2018.01 - EP); **A61B 34/76** (2016.02 - EP US); **A61B 90/361** (2013.01 - EP US); **A61B 2017/00199** (2013.01 - US); **A61B 2034/305** (2016.02 - EP US); **A61B 2034/742** (2016.02 - EP US); **A61B 2090/506** (2016.02 - EP US)

Citation (search report)

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- [X] WO 9825666 A1 19980618 - INTUITIVE SURGICAL INC [US]
- [X] WO 9729690 A1 19970821 - COMPUTER MOTION INC [US]
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

US 9927616 W 19991118; AT 09171392 T 19991118; AT 99965017 T 19991118; DE 69941600 T 19991118; EP 09171392 A 19991118; EP 11150512 A 19991118; EP 12151644 A 19991118; EP 12151647 A 19991118; EP 12151648 A 19991118; EP 16157473 A 19991118; EP 99965017 A 19991118; ES 09171392 T 19991118; US 201113299548 A 20111118; US 201313938933 A 20130710; US 201414163197 A 20140124; US 42453603 A 20030424; US 43312099 A 19991103; US 95970410 A 20101203; US 97232201 A 20011005